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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No. <b>A34201</b>	
	First Inventor <b>Yu-Ro Lee</b>	
	Title <b>DATA</b>	* see attached
	Express Mail Label No. <b>EF321686812US</b>	

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
--	---

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2. ☐ Applicant claims small entity status.  
 See 37 CFR 1.27.
3. ☒ Specification [Total Pages **26**]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **12**]
5. Oath or Declaration [Total Pages **1**]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i. ☐ **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)	<input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
13. <input type="checkbox"/> Preliminary Amendment	
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.	
17. <input type="checkbox"/> Other: _____	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation   
 ☐ Divisional   
 ☐ Continuation-in-part (CIP)   
 of prior application No. \_\_\_\_\_  
 Prior application information.    Examiner \_\_\_\_\_    Group Art Unit \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below	
<div style="border: 1px solid black; padding: 2px; display: inline-block;">21003</div>			
Name _____			
Address _____			
City _____	State _____	Zip Code _____	
Country _____	Telephone _____	Fax _____	

Name (Print/Type)	<b>Ronald B. Hildreth</b>	Registration No. (Attorney/Agent)	<b>19,498</b>
Signature		Date	<b>4-10-01</b>

**Burden Hour Statement** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$ 822

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Yu-Ro Lee
Examiner Name	
Group Art Unit	
Attorney Docket No.	A34201

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

02-4377

Deposit  
Account  
Name

Baker Botts LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee

Fee

Fee Description

Fee Paid

710

355

Utility filing fee

710

320

160

Design filing fee

490

245

Plant filing fee

710

355

Reissue filing fee

150

75

Provisional filing fee

SUBTOTAL (1) (\$ 710

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
24	20** = 4	18	72
4	3** = 1	40	40
Multiple Dependent			

Large Entity Small Entity

Fee

Fee

Fee Description

18

9

Claims in excess of 20

80

40

Independent claims in excess of 3

270

135

Multiple dependent claim, if not paid

80

40

\*\* Reissue independent claims  
over original patent

18

9

\*\* Reissue claims in excess of 20  
and over original patent

SUBTOTAL (2)

(\$ 112

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large  
EntitySmall  
EntityFee  
(\$)Fee  
(\$)

Fee Description

Fee Paid

130

65

Surcharge - late filing fee or oath

50

25

Surcharge - late provisional filing fee or  
cover sheet

130

130

Non-English specification

2,520

2,520

For filing a request for *ex parte* reexamination

920\*

920\*

Requesting publication of SIR prior to  
Examiner action

1,840\*

1,840\*

Requesting publication of SIR after  
Examiner action

110

55

Extension for reply within first month

390

195

Extension for reply within second month

890

445

Extension for reply within third month

1,390

695

Extension for reply within fourth month

1,890

945

Extension for reply within fifth month

310

155

Notice of Appeal

310

155

Filing a brief in support of an appeal

270

135

Request for oral hearing

1,510

1,510

Petition to institute a public use proceeding

110

55

Petition to revive - unavoidable

1,240

620

Petition to revive - unintentional

1,240

620

Utility issue fee (or reissue)

440

220

Design issue fee

600

300

Plant issue fee

130

130

Petitions to the Commissioner

50

50

Processing fee under 37 CFR 1.17(q)

180

180

Submission of Information Disclosure Stmt

40

40

Recording each patent assignment per  
property (times number of properties)

710

355

Filing a submission after final rejection  
(37 CFR § 1.129(a))

710

355

For each additional invention to be  
examined (37 CFR § 1.129(b))

710

355

Request for Continued Examination (RCE)

900

900

Request for expedited examination  
of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Name (Print/Type)

Ronald B. Hildreth

Registration No.  
(Attorney/Agent)

19,498

Complete (if applicable)

Telephone

212-408-2544

Signature

Date

April 10, 2001

WARNING: Information on this form may become public. Credit card information should not  
be included on this form. Provide credit card information and authorization on PTO-2038.

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20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## Addendum Sheet 1

## \*Question 4 Addendum

4.a. Drawings are ☒ formal ☐ informal

## \* Question 5 Addendum

5.c. ☐ An unsigned oath or declaration is included.

## \* Question 8 Addendum

8.d. ☐ A sequence submission will follow.

## \* Question 9 Addendum

9.a. ☒ Assignment documents will follow.9.b. ☐ Assignment documents have been filed in parent application No.

## \* Question 11 Addendum

11.a. ☐ English translation will follow.

## \* Question 12 Addendum

12.a. ☐ Copies of IDS citations will follow.

## \* Question 15 Addendum

15.a. ☒ Certified copies of priority documents will follow.15.b. ☐ Certified copies of priority documents have been filed in parent application No.

Use the space below for additional information

Inventors - Yu-Ro Lee, Jae-Hong Park, Chong-Won Lee, and Jeong-Hwa Ye

Title (continued):

DATA TRANSMISSION METHOD FOR HYBRID ARQ TYPE II/III WIDE-BAND RADIO COMMUNICATION SYSTEM

## Addendum Sheet 2

18a. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_  
Prior application information Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

18b. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. : \_\_\_\_\_  
Prior application information. Examiner \_\_\_\_\_ Group Art Unit. \_\_\_\_\_

18c. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_  
Prior application information Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

☐ Amend the specification by inserting before the first line the sentence(s)

"This application is a :

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

"This application is a :

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

"This application is a :

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

"This application is a :

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Priority under 35.U.S.C. §119 is claimed based upon the following applications.

Foreign:

Country: <u>Korea</u>	Serial No: <u>2000-18646</u>	Filing Date: <u>April 10, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-25966</u>	Filing Date: <u>May 16, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-35455</u>	Filing Date: <u>June 26, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-35456</u>	Filing Date: <u>June 26, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-45159</u>	Filing Date: <u>August 4, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-48435</u>	Filing Date: <u>August 21, 2000</u>
Country: <u>Korea</u>	Serial No: <u>2000-63614</u>	Filing Date: <u>Oct. 27, 2000</u>

Provisional:

Serial No: _____	Filing Date: _____
Serial No: _____	Filing Date: _____
Serial No: _____	Filing Date: _____